

WHAT IS CLAIMED IS:

1. A landfill gas flare, comprising:

a shroud;

a methane riser in the shroud and defining a methane passageway;

5 plural non-straight pipes mounted in communication with the methane passageway; and

at least one flow alteration assembly juxtaposed with the methane riser to selectively establish a fluid flow through the assembly.

2. The flare of Claim 1, wherein the flow alteration assembly surrounds the
10 methane riser within the shroud to establish a combustion air flow rate in the shroud.

3. The flare of Claim 1, wherein the flow alteration assembly is positioned within the methane riser to establish a methane gas pressure.

4. The flare of Claim 2, wherein the flow alteration assembly is a first assembly and the flare comprises a second flow alteration assembly positioned within the methane
15 riser.

5. The flare of Claim 2, wherein the flow alteration assembly includes movable louvers disposed between the shroud and the methane riser, the louvers being movable to establish a combustion air flow past the pipes.

6. The flare of Claim 5, wherein the louvers are coupled to an operating member, the operating member extending outside the shroud and being manipulable to move the louvers.

7. The flare of Claim 1, comprising six pipes.

8. The flare of Claim 1, wherein each pipe includes a radial segment lying along a radius of the methane riser and a distal segment establishing an angle with respect to the radial segment.

9. The flare of Claim 8, wherein the angle is approximately fifty five degrees.

10. The flare of Claim 8, wherein the angle is approximately sixty degrees.

11. A landfill flare, comprising:
a shroud defining an open top end;

a methane riser in the shroud, the methane riser terminating in at least two exhaust pipes configured for inducing turbulence in methane gas passing through the exhaust pipes; and

a movable louver assembly positioned in at least one of: the riser, and the shroud between the shroud and riser.

12. The flare of Claim 11, wherein the louver assembly can be moved to establish a methane gas pressure.

13. The flare of Claim 11, wherein the louver assembly includes an operating member, the operating member extending outside the shroud and being manipulable to move the louver assembly.

14. The flare of Claim 11, wherein each exhaust pipe includes a radial segment lying along a radius of the methane riser and a distal segment establishing an angle with respect to the radial segment.

15. The flare of Claim 14, wherein the angle is approximately fifty five degrees.

16. The flare of Claim 14, wherein the angle is approximately sixty degrees.

17. A landfill flare, comprising:

a shroud defining a wall;

a methane gas pipe in the shroud and spaced from the wall, the methane riser terminating in at least two exhaust pipes configured for inducing turbulence in methane gas passing through the exhaust pipes; and

5 a louver assembly disposed in at least one location selected from the group comprising: between the shroud and the methane riser, and within the riser, the louver assembly being movable.

18. The flare of Claim 17, wherein the louver assembly includes an operating member, the operating member extending outside the shroud and being manipulable by a
10 person to move the louvers.

19. The flare of Claim 17, wherein each exhaust pipe includes a radial segment lying along a radius of the methane riser and a distal segment establishing an angle with respect to the radial segment.